

TECHNICAL DATA

SENSITIVITY	2.0mV/V ± 0.002mV/V
30 MINUTE CREEP	0.03% FULL SCALE
ZERO BALANCE	1% FULL SCALE
ZERO ERROR FROM TEMP. CHANGE	0.02% FULL SCALE/10°C
SPAN ERROR FROM TEMP. CHANGE	0.02% FULL SCALE/10°C
INPUT RESISTANCE	400 OHM ± 10 OHM
OUTPUT RESISTANCE	350 OHM ± 5 OHM
INSULATION RESISTANCE	> 5000 MEGA OHM
OPERATING TEMPERATURE RANGE	-30° TO 70° C
SAFE LOAD LIMIT	150%
LATERIAL LOAD LIMIT	250%
EXCITATION VOLTAGE	RECOMMENDED 10V TO 12V MAX. 15V
PROTECTION CLASS	IP68
CONSTRUCTION	ALLOY STEEL
CABLE LENGTH	6M x 5MM DIA. PVC
CABLE COLOURS	RED EXCITATION + BLACK EXCITATION - GREEN SIGNAL + WHITE SIGNAL - THK. BLK. SHIELD

PART NO.	TOTAL ERROR	CAPACITY	A	B	C	D	E	F	G	H	K	L
PS0024001	0.03%	20	76	82.6	48	150	56	9	31.8	48	10	M12 x 1.75P
PS0024002	0.03%	25	100	117	65	150	76	12	38	38	14	M20 x 2.5P
PS0024003	0.03%	30	100	117	65	150	76	12	38	38	10	M12 x 1.75P
PS0024004	0.03%	40	100	117	65	150	76	12	38	38	14	M20 x 2.5P
PS0024005	0.03%	50	107	127	66	200	81	12.7	58	64	14	M20 x 2.5P
PS0024006	0.05%	60	107	127	66	200	81	12.7	58	64	14	M20 x 2.5P
PS0024007	0.05%	70	125	142	91	250	86.5	13	58	64	14	M20 x 2.5P
PS0024008	0.05%	100	165	184	104	300	111.8	20	70	70	20	M20 x 2.5P
PS0024009	0.1%	150	165	184	104	300	111.8	20	70	78	20	M20 x 2.5P
PS0024010	0.1%	200	223	250	157	500	137.5	25	100	112	36	M24 x 3.0P
PS0024011	0.1%	300	223	250	157	500	137.5	25	108	112	36	M24 x 3.0P
PS0024012	0.1%	400	223	250	157	500	137.5	25	108	112	36	M24 x 3.0P

NOTES

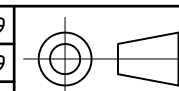
- DO NOT CUT SUPPLIED LOAD CELL CABLE, LOOP EXCESS CABLE AND CABLE TIE
- PRIOR TO INSTALLATION READ AND OBSERVE INSTRUCTION MANUAL



TC PROCESS EQUIPMENT
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 PART OF THIS DRAWING MAYBE
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TITLE
 BTA SERIES ALLOY STEEL
 LOAD CELL

DRAWN	RHS	05.06.09
CHECKED	RAS	05.06.09
ENG. MGR.		
APPR'D	MAA	05.06.09



DRG No.
 PS0024000
 SCALE 1:2
 REVISION 0

A3